LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091115\
Data File : BF081586.D
Acq On : 11 Sep 2015 16:13
Operator : UM/IZ
Sample : G3526-17
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-18(0-0.16)

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.463	9	11	17	rBV	99067	239589	11.03%	1.442%
2	1.554	17	19	54	rVB	610054	2172940	100.00%	13.075%
3	4.549	277	281	295	rBV	295877	778033	35.81%	4.682%
4	5.406	353	356	377	rBB	690538	1363494	62.75%	8.204%
5	7.669	550	554	559	rBV	816068	1427227	65.68%	8.588%
6	7.760	559	562	567	rVB	825189	1406398	64.72%	8.462%
7	8.240	601	604	610	rBV	210090	371838	17.11%	2.237%
8	8.572	629	633	636	rBV	614234	982555	45.22%	5.912%
9	9.543	714	718	721	rBV	533510	905229	41.66%	5.447%
10	11.144	854	858	862	rBV	294492	487710	22.44%	2.935%
11	13.795	1085	1090	1093	rBV	908182	1530223	70.42%	9.208%
12	14.847	1178	1182	1194	rBB	193547	299833	13.80%	1.804%
13	15.281	1216	1220	1227	rBV2	300325	510523	23.49%	3.072%
14	17.178	1382	1386	1395	rBB	504266	898563	41.35%	5.407%
15	17.818	1439	1442	1448	rBB	12050	28680	1.32%	0.173%
16	18.790	1523	1527	1530	rBV	315601	531084	24.44%	3.196%
17	20.539	1677	1680	1687	rBV	28343	59942	2.76%	0.361%
18	21.453	1757	1760	1767	rVB	31396	46649	2.15%	0.281%
19	21.796	1787	1790	1794	rBV	38595	52192	2.40%	0.314%
20	22.127	1816	1819	1822	rBV	1089599	1348768	62.07%	8.116%
21	23.396	1925	1930	1937	rVB	439032	594647	27.37%	3.578%
22	24.059	1986	1988	1991	rBV	63559	82677	3.80%	0.497%
23	24.493	2024	2026	2032	rBV	33687	57664	2.65%	0.347%
24	24.653	2038	2040	2044	rBV2	9693	24372	1.12%	0.147%
25	24.779	2050	2051	2053	rBV	18473	24526	1.13%	0.148%
26	24.836	2053	2056	2058	rBV	193726	273352	12.58%	1.645%
27	25.888	2146	2148	2152	rBV2	14239	22881	1.05%	0.138%
28	26.196	2172	2175	2177	rBV	13807	24355	1.12%	0.147%
29	27.659	2298	2303	2307	rBV2	27575	73291	3.37%	0.441%

Sum of corrected areas: 16619235

LSC Report - Integrated Chromatogram

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Instrument :
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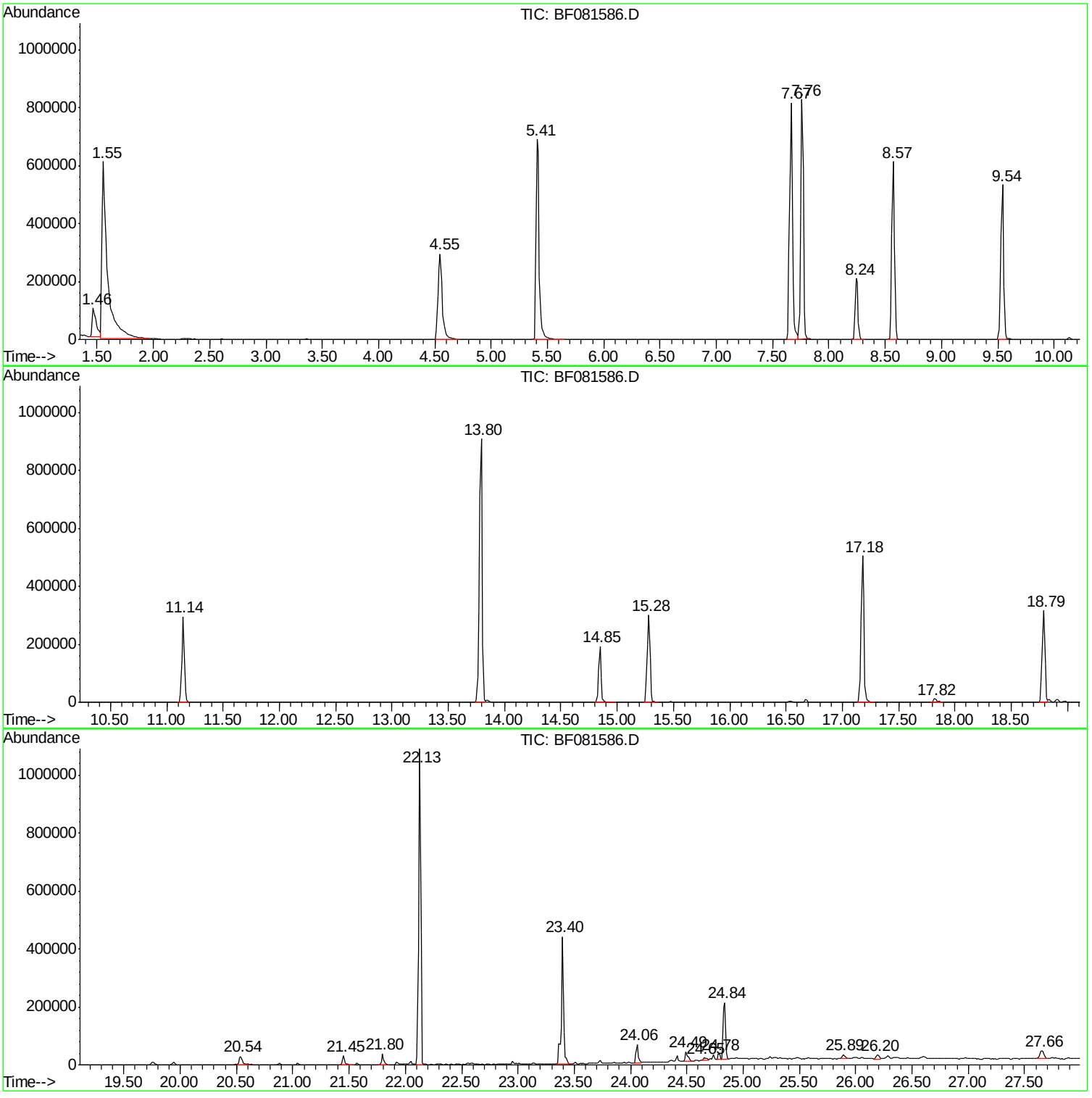
ClientSampleId :
SB-18(0-0.16)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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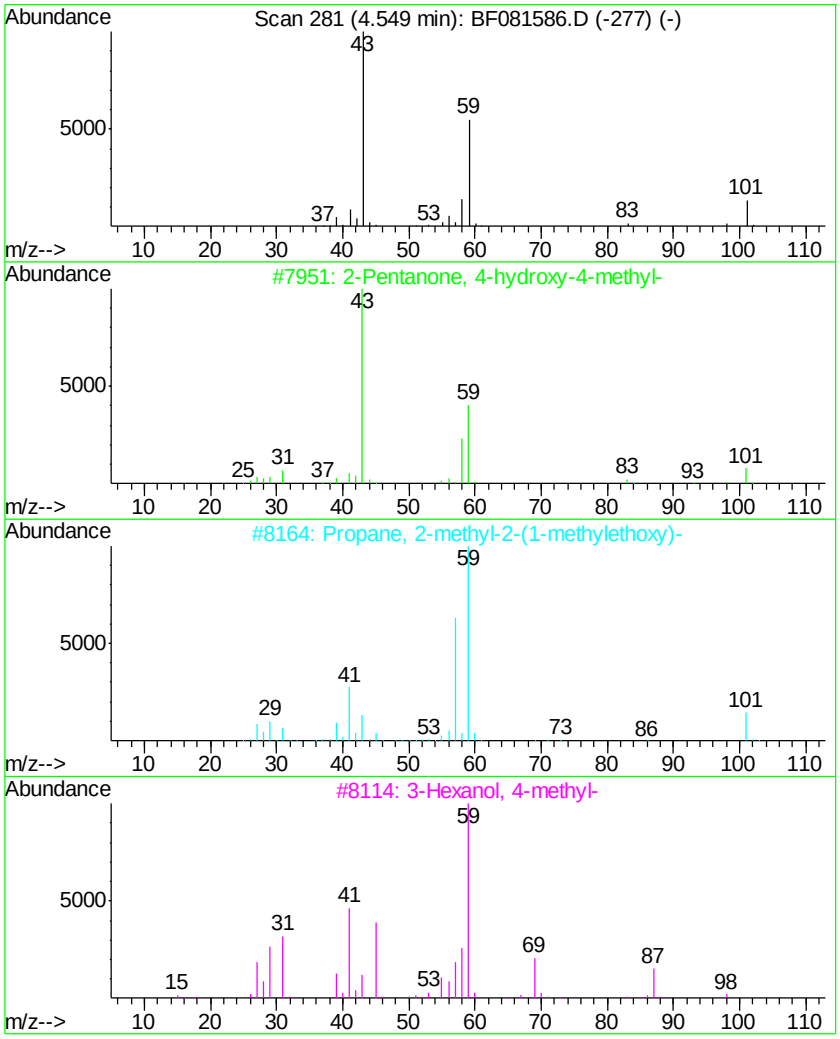
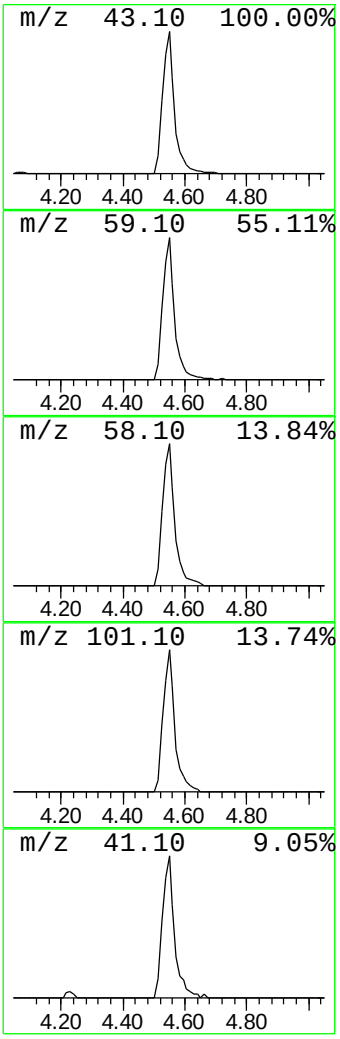
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.55	41.85 ng	778033	1,4-Dichlorobenzene-d4	8.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
5	3-Octanol	130	C8H18O	000589-98-0	33





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Instrument :
BNA_F
ClientSampleId :
SB-18(0-0.16)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
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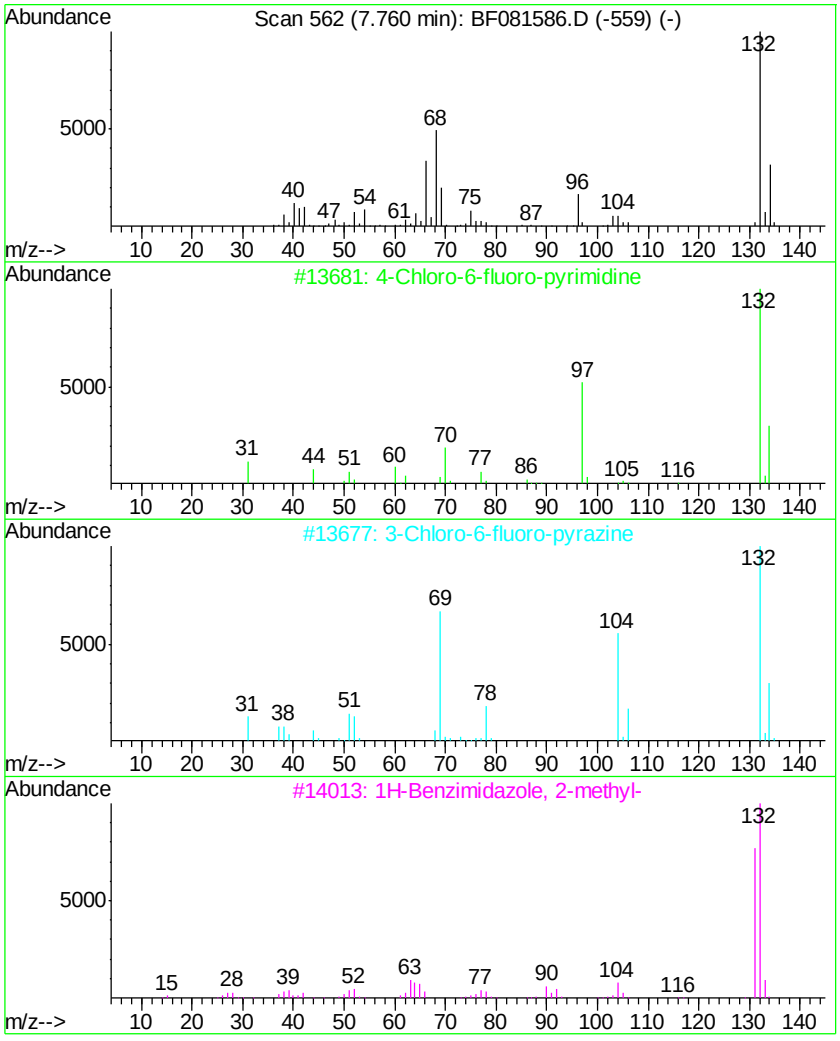
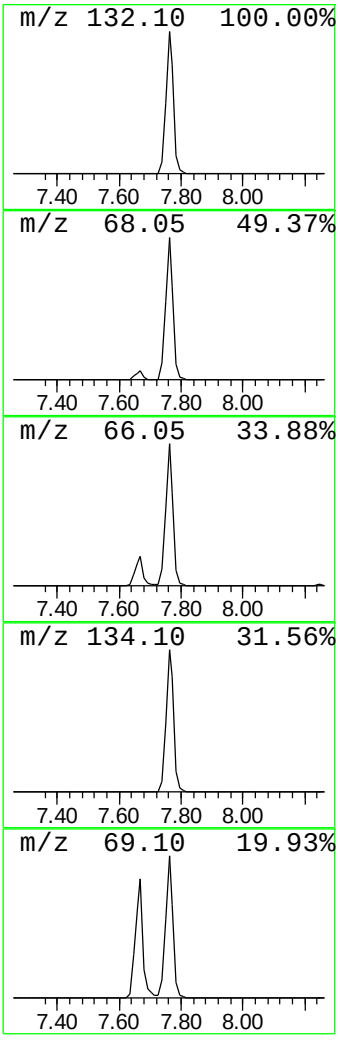
Peak Number 4 unknown7.76 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.76	75.65 ng	1406400	1,4-Dichlorobenzene-d4	8.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	25
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
5	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10





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Instrument : BNA_F
ClientSampleId : SB-18(0-0.16)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
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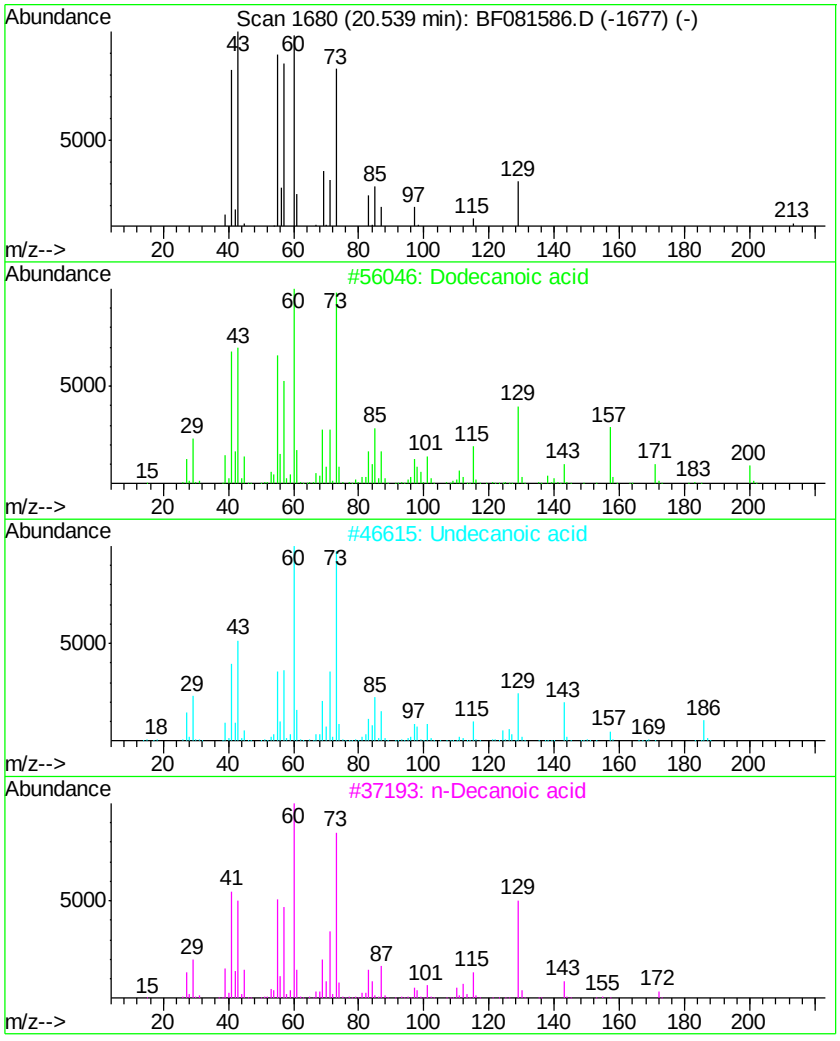
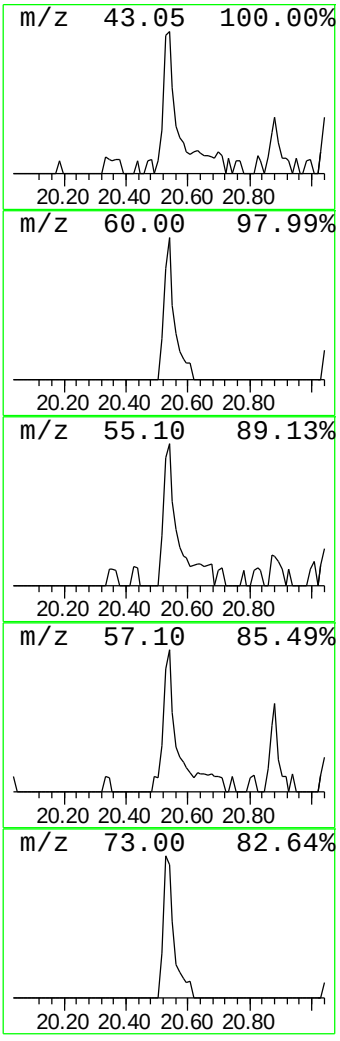
Peak Number 6 Dodecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.54	2.26 ng	59942	Phenanthrene-d10	18.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanoic acid	200	C12H24O2	000143-07-7	72
2	Undecanoic acid	186	C11H22O2	000112-37-8	64
3	n-Decanoic acid	172	C10H20O2	000334-48-5	59
4	Dodecanoic acid, 1-methylethyl e...	242	C15H30O2	010233-13-3	40
5	Amyl Nitrite	117	C5H11NO2	000110-46-3	27





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Instrument : BNA_F
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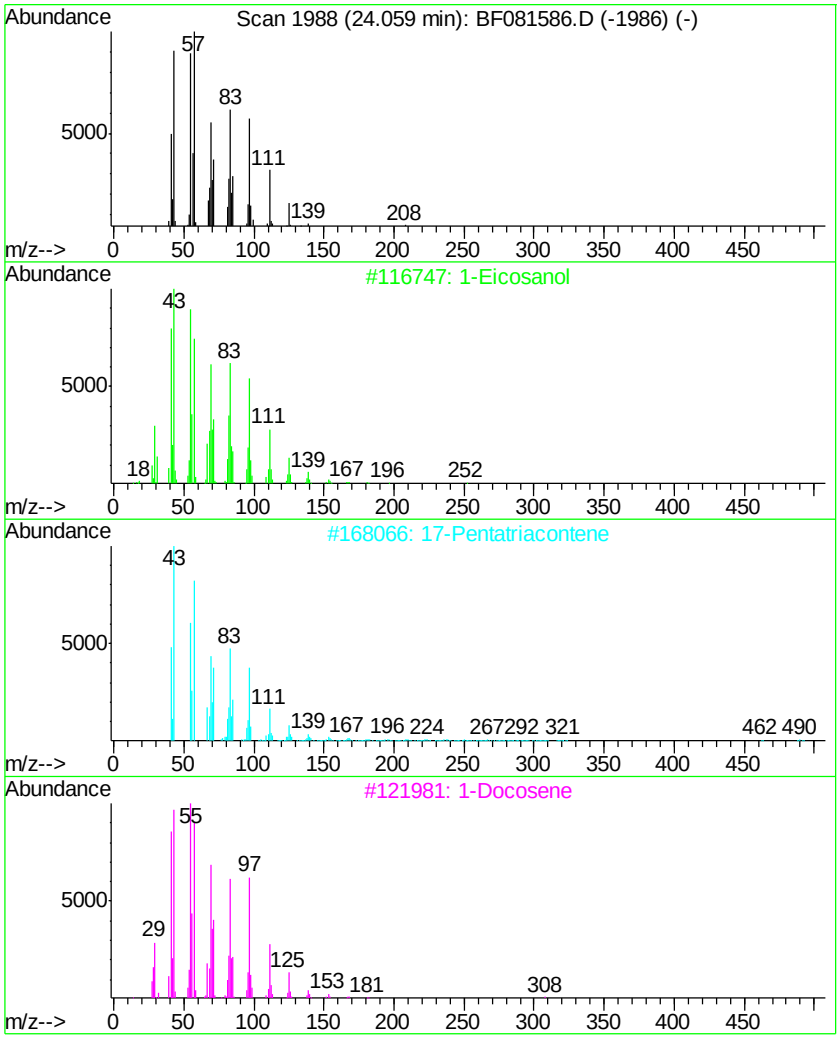
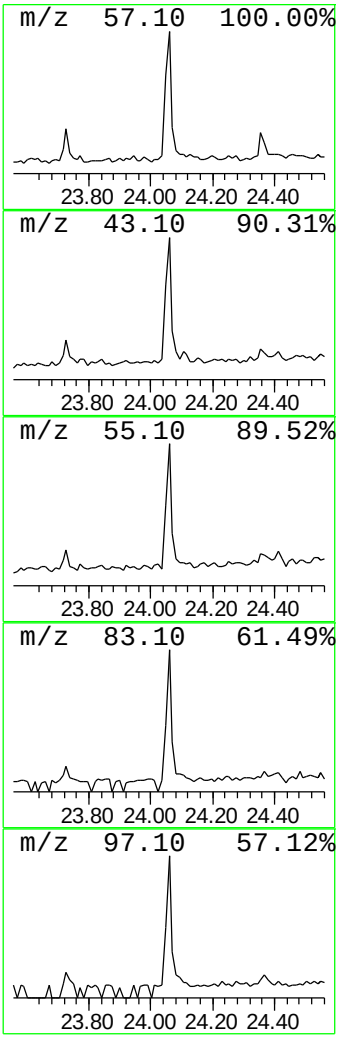
Peak Number 7 1-Eicosanol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.06	2.78 ng	82677	Chrysene-d12	23.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Eicosanol	298	C20H42O	000629-96-9	93
2	17-Pentatriacontene	491	C35H70	006971-40-0	91
3	1-Docosene	308	C22H44	001599-67-3	90
4	5-Eicosene, (E)-	280	C20H40	074685-30-6	90
5	9-Eicosene, (E)-	280	C20H40	074685-29-3	87





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Sample : G3526-17
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-18(0-0.16)

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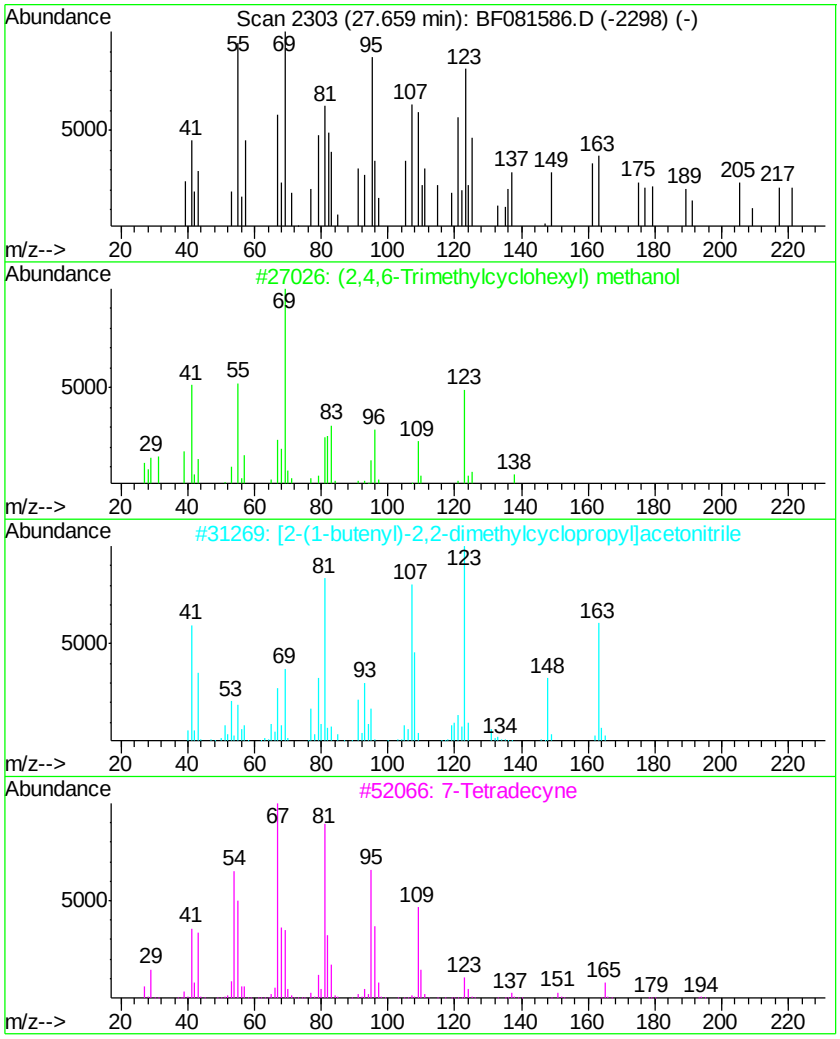
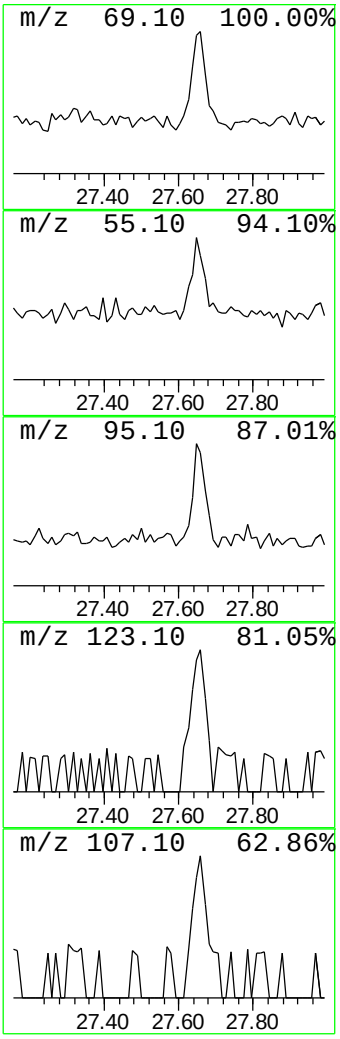
Peak Number 9 unknown27.66 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.66	5.36 ng	73291	Perylene-d12	24.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(2,4,6-Trimethylcyclohexyl) meth...	156	C10H20O	013702-56-2	35
2	[2-(1-butenyl)-2,2-dimethylcyclo...	163	C11H17N	1000111-15-4	18
3	7-Tetradecyne	194	C14H26	035216-11-6	14
4	Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	020536-40-7	14
5	Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	020536-41-8	14





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.55	41.9	ng	778033	1	8.25	371838	20.0
unknown7.76	7.76	75.7	ng	1406400	1	8.25	371838	20.0
Dodecanoic acid	20.54	2.3	ng	59942	4	18.79	531084	20.0
1-Eicosanol	24.06	2.8	ng	82677	5	23.40	594647	20.0
unknown27.66	27.66	5.4	ng	73291	6	24.84	273352	20.0